

# Product Datasheet

## FXYD5/Dysadherin Antibody

### NB100-1003

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NB100-1003**

## FXYD5/Dysadherin Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat FXYD5/Dysadherin Antibody (NB100-1003) is a polyclonal antibody validated for use in WB and ELISA. Anti-FXYD5/Dysadherin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	53827
Gene Symbol	FXYD5
Species	Human
Specificity/Sensitivity	NP_054883.3, NP_659003.1 and NP_001158077.1 are variants that represent the same protein.
Immunogen	Peptide with sequence GKCRQLSRLCRNHCR corresponding to C-Terminus according to NP_054883.3, NP_659003.1, NP_001158077.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Preliminary experiments gave an approx. 38 kDa band in human spleen lysate and an approx. 26 kDa band in human lung lysate after 1 ug/ml antibody staining. The bands were successfully blocked by incubation with the immunizing peptide. Please note that according to the literature this protein is O-glycosylated scientific literature (PMID: 12672699), which may explain the different sizes of bands we observe given the calculated size of 19.5 kDa band according to NP_054883 and NP_659003.

**Images**

Western Blot: FXYD5/Dysadherin Antibody [NB100-1003] - (0.5ug/ml) of Human Spleen lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

## Publications

Ino Y, Gotoh M, Sakamoto M et al. Dysadherin, a cancer-associated cell membrane glycoprotein, down-regulates E-cadherin and promotes metastasis. Proc Natl Acad Sci U S A 2002-01-08 [PMID: 11756660]

Tsuiji H, Takasaki S, Sakamoto M et al. Aberrant O-glycosylation inhibits stable expression of dysadherin, a carcinoma-associated antigen, and facilitates cell-cell adhesion. Glycobiology 2003-07-01 [PMID: 12672699]





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### **Products Related to NB100-1003**

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NBL1-10880	FXVD5/Dysadherin Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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